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PTO/SB/05 (03-01)

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UTILITY **PATENT APPLICATION** TRANSMITTAL

Attorney Docket No.	NEB-210-US
	Kong, Huimin
Helicase D Title of Nucleic	ependent Amplification Acids

(Only for new nonprovision	nal applications u	nder 37 CFR 1.53(b))	Ext	oress Ma	ail Label No	). ER	2793300	273 115
	TION ELEME		$\overline{}$					ioner for Patents
See MPEP chapter 600 con		· -		ADDKE	ESS TO:		Patent Applica nington, DC 2	
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Applicant claims	duplicate for fee processionall entity status.	-	8		Computer Prog ide and/or Am			Submission
See 37 CFR 1.27	(Total Pa	ges 84 1			icable, all nece	essary)	• • • • • • • • • • • • • • • • • • • •	
3. (preferred arrangement) - Descriptive title	nt set forth below)	900 [04]		a. X	Computer Re cification Sequ		, ,	
- Cross Reference	e to Related Appli arding Fed spons			•			JStillig On. CD-R (2 copi	<i>es).</i> or
- Reference to s	equence listing, a	table,			i. 🖸 paper		00 m (£ 00p.	33), 31
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	of the Invention on of the Drawings	s (if filed)	Ţ	ACC	COMPANYI	NG A	PPLICATI	ON PARTS
<ul> <li>Detailed Descr</li> <li>Claim(s)</li> </ul>	iption		ŀ	-	-	•	•	document(s))
- Abstract of the	Disclosure		l	10.	37 CFR 3.73( (when there is			Power of Attorney
4. X Drawing(s) (35 L	J.S.C. 113) [ Tol	tal Sheets 18	1	11.	English Trans	station	Document (if	• • •
5. Oath or Declaration	[ To	tal Pages 3	1	12.	Information D Statement (ID			Copies of IDS Citations
a. X Newly exec	uted (original or co	opy)	ſ	13.	Preliminary A	•		
	a prior application ( ation/divisional with	(37 CFR 1.63 (d)) h Box 18 completed)	ļ	14. X	Return Recei			503)
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named in	atement attached del the prior application,		l	16.	Nonpublication	on Req	uest under 35	U.S.C. 122
<del></del>	and 1.33(b).			<u></u>	(b)(2)(B)(i). A or its equivale		nt must attach	form PTO/SB/35
6. L 」 Application Data	Sheet. See 37 Cl	FR 1.76		17.	Other:			
18. If a CONTINUING APPL or in an Application Data Sh			upply the	e requisite	information be	elow a	nd in a prelim	inary amendment,
Continuation	Divisional	Continuation-in-part (CII	P)	of pric	or application No.:_			
Prior application information:	Examiner				up Art Unit			
	the disclosure of	the accompanying cont	inuation	or division	nal application a	and is l	hereby incorpo	
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS								
19. CORRESPONDENCE ADDRESS  X Customer Number of Bar Code Label  28986  or X Correspondence address below								
X Customer Number or Bar C	ode Label (I	Insert Customer No. or Attach	bar code i	label here)	) " L	ت 	Correspondence a	
Name	Harriet 1	M. Strimpel						
	Parent Consultation	ounsel and Biolabs,	Inc					
Address	32 Tozer	Road						
City	Bever1v		Stat	te M	A		Zip Code	01915
Country	US	7	elephoi	ne 978	8-927-50	54	Fax	
Name (Print/Type)	Harriet M	. Strimpel		Registra	tion No. (Atto	orney/	Agent) 27.	008
Signature	171 - 10	Shupel			·			9/03
<u></u>	LANGE T	V. Ivmy						السستنند

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Approved for use through 04/30/2003. OMB 0651-0032
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## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)685.00	(\$)	685	.0	0
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Complete if Kn wn						
Application Number						
Filing Date						
First Named Inventor	Kong, Huimin					
Examiner Name						
Art Unit						
Attorney Docket No.	NER-210-US					

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Deposit Account:  Deposit Account Number Deposit Account Number Deposit Account New England Biolabs, Inc. New England Biolabs, Inc. Charge fee(s) indicated below X Credit any overpayments X Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.  FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee	Y Check			3				S	
Deposit Account Number Opposit Account Name The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below \( \tilde{X} \) Credit any overpayments  Charge fee(s) indicated below (x) Credit any overpayments  Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  FEE CALCULATION  1. BASIC FILING FEE Large Entity Small Entity Fee	X Deposit A			1 ——					
Account Number Deposit Account Name  New England Biolabs, Inc.  Non-English specification  1812 2,520 For filing a request for ex parte reexamination  1812 2,520 For filing a brief liming fee or cover sheet  1804 920° Requesting publication of SIR prior to Examiner action  1804 920° Requesting publication of SIR after Examiner action  1805 1,840° Requesting publication of SIR after Examiner action  1805 1,840° Requesting publication of SIR after Examiner action  1805 1,840° Requesting publication of SIR after Examiner action  1805 1,840° Requesting publication of SIR after Examiner action  1805 1,840° Requesting publication of SIR after Examiner action  1805 1,840° Requesting publication of SIR after Examiner action  1805 1,840° Requesting publication of SIR after Examiner action  2251 55 Exte	Deposit							Fee Description	Fee Paid
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The Commissioner is authorized to: (check all that apply)  Charge fee(s) indicated below  Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  TEE CALCULATION  1. BASIC FILING FEE Large Entity Small Entity Fee	Deposit	New England B	iolabs, Inc.	1052	50	2052	25		
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Charge any additional fee(s) during the pendency of this application  Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.  FEE CALCULATION  1. BASIC FILING FEE  Large Entity Small Entity Fee		<del></del>		1812	2,520	1812	2,520	For filing a request for ex parte reexamination	<b></b>
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1453 1.300 2453 650 Petition to revive - unintentional		<del></del>	السديد التعلق السيطي	1453	1,300	2453	650	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,300 2501 650 Utility issue fee (or reissue)	2. EXTRA C	LAIM FEES FOR UTI		1501	1,300	2501	650	Utility issue fee (or reissue)	
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Large Entity   Small Entity   Small Entity   1806   180   1806   180   Submission of Information Disclosure Stmt   1806   1806   1806			cription	1806	180	1806			<b></b>
Code (\$) Code (\$)  Recording each patent assignment per property (times number of properties)  40	Code (\$)	Code (\$)	<del></del>	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))				1809	750	2809	375		
1203 280 2203 140 Multiple dependent claim, if not paid 1810 750 2810 375 For each additional invention to be	[ [		•	1810	750	2810	375	For each additional invention to be	
1204 84 2204 42 ** Reissue independent claims over original patent 1801 750 2801 375 Request for Continued Examination (RCE)	1204 84			1801	750	2801	375	` '"	
1205 18 2205 9 ** Reissue claims in excess of 20 1802 900 1802 900 Request for expedited examination of a design application	1205 18	2205 9 ** Reissue	claims in excess of 20	1				Request for expedited examination	
SUBTOTAL (2) (\$) 645 Other fee (specify)		CHRIOTAL (A)	(\$) 645	Other	fee (sp	ecify) _		·	L
**or number previously paid, if greater, For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40	**or number			*Redu	iced by	Basic f	Filing F	ee Paid SUBTOTAL (3) (\$)	40

(Complete (if applicable) SUBMITTED BY Registration No. Name (Print/Type) Telephone 978-927-5054 Harriet M. Strimpel 37,008 (Attorney/Agent) 9/19/03 Signature

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## Practitioner's Docket No. NEB-210-US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kong et al.

Application No.: not yet assigned

Group No.: N/A

Filed: herewith

Examiner: N/A

For: Helicase Displacement Amplification of Nucleic Acids

Mail Stop New Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **EXPRESS MAIL CERTIFICATE**

"Express Mail" label number ER 279330973 US Date of Deposit September 19, 2003

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Utility patent application and related papers

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